


# General Studies

## Associate in Science

 MassBay courses are offered days, evenings, weekends, and online. View the complete list of online courses at <https://mbccweb.massbay.edu/online/>.

Check current course availability at [www.massbay.edu/courses](http://www.massbay.edu/courses)

### **DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

This program offers students the opportunity to explore a variety of interests and choices while completing a broad background of study through our core science and advanced technology competencies.

Upon successful completion, the Associate in Science Degree in General Studies is awarded.

#### **PROGRAM FOOTNOTES**

##### **Laboratory Science Sequence:**

BI 101 General Biology I & BI 102 General Biology II, or BI 110 Principles of Biology I & BI 120 Principles of Biology II, or BI 215 Anatomy and Physiology I & BI 217 Anatomy and Physiology II, or CH 101 College Chemistry I & CH 102 College Chemistry II, or CH 110 Principles of Chemistry I & CH 120 Principles of Chemistry II, or, EV 103 Environmental Studies I & EV 104 Environmental Studies II, or, PY 101 College Physics I & PY 102 College Physics II, or PY 103 Engineering Physics I & PY 104 Engineering Physics II, or SC 102 Integrated Science I & SC 103 Integrated Science II

**Math Sequence:** MA 200 Calculus I & Math 201 Calculus II

**Humanities Electives:** Art, Communications, English (EN103 or higher) Film, Foreign Language, Humanities, Music, Literature, Music, Oral Communication, Philosophy, Photography, Sign Language, Theater Arts

**Math/Science Electives:** Astronomy, Biology, Chemistry, Contemporary Nutrition (NS 101) Environmental Science, Integrated Science, 100-Level Mathematics or higher (not MAC), Meteorology, Physics

**Social Science Electives:** Anthropology, Economics, Geography, Government, History, Law and the Media (LA 200), Law and Society (LA 230), Psychology, Sociology

**Program Electives:** Any college-level courses offered at the College.

Competency in mathematics is a MassBay graduation requirement. Prior to graduation, students must demonstrate competency at 100-level math. This may be accomplished by an appropriate placement test score or completion of a 100-level mathematics course or higher, except mathematics courses with a MAC prefix.

This program qualifies for MassTransfer with select public institutions in Massachusetts. Student should use course equivalencies for program electives. For more information, visit [www.mass.edu/masstransfer](http://www.mass.edu/masstransfer).

| COURSE             | COURSE TITLE                | CREDITS      |
|--------------------|-----------------------------|--------------|
| <i>First Year</i>  | <i>Semester 1</i>           |              |
| CS 100             | Computers and Technology    | 3            |
| CT 100             | Critical Thinking           | 3            |
| EN 101             | Freshman English I          | 3            |
| PS 150             | Career/Life Planning        | 3            |
|                    | Laboratory Science Sequence | 4            |
|                    | <b>or</b>                   |              |
|                    | Math Sequence               | 4            |
|                    | <b>credits:</b>             | <b>16</b>    |
| <i>First Year</i>  | <i>Semester 2</i>           |              |
| EN 102             | Freshman English II         | 3            |
|                    | Humanities Elective         | 3            |
|                    | Laboratory Science Sequence | 4            |
|                    | <b>or</b>                   |              |
|                    | Math Sequence               | 4            |
|                    | Program Elective            | 3            |
|                    | Program Elective            | 3            |
|                    | Program Elective            | 3            |
|                    | <b>credits:</b>             | <b>19</b>    |
| <i>Second Year</i> | <i>Semester 1</i>           |              |
|                    | Math/Science Elective       | 3/4          |
|                    | Social Science Elective     | 3            |
|                    | Program Elective            | 3            |
|                    | Program Elective            | 3            |
|                    | Program Elective            | 3            |
|                    | <b>credits:</b>             | <b>15/16</b> |
| <i>Second Year</i> | <i>Semester 2</i>           |              |
|                    | Humanities Elective         | 3            |
|                    | Social Science Elective     | 3            |
|                    | Program Elective            | 3            |
|                    | Program Elective            | 3            |
|                    | Program Elective            | 3            |
|                    | <b>credits:</b>             | <b>15</b>    |
|                    | <b>Total Credits:</b>       | <b>65/66</b> |